

**Abstract**

An electronic signal filter is provided, including a first filter housing member, a second filter housing member, and a circuit board positioned within a filter cavity. The circuit board includes a slot. A ground clip is also provided, including a slot-retaining portion positioned within the circuit board slot, at least one grounding arm in solderless grounding contact with at least an inner surface of the second filter housing member, and at least one grounding leg. Upon assembly, at least a portion of the grounding leg is positioned in an interface between the first and the second filter housing members to achieve a secure ground contact between the circuit board, the first filter housing member, and the second filter housing member in a solderless manner.